

TEMPORARY

No. 69217-T

TEMPORARY  
APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER  
OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF  
NEVADA HERETOFORE APPROPRIATED

Date of filing in State Engineer's Office OCT 04 2002

Returned to applicant for correction \_\_\_\_\_

Corrected application filed \_\_\_\_\_

Map filed OCT 04 2002

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The applicant **Caithness Dixie Valley, LLC** hereby make application for permission to change the **Point of Diversion, Manner of Use and Place of Use of a portion** of water heretofore appropriated under **Permit 50753, Certificate 13080**

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1. The source of water is **underground**
2. The amount of water to be changed **50.0 afa and up to 4.5 cfs**
3. The water to be used for **industrial**
4. The water heretofore permitted for **industrial and domestic use at the Dixie Valley Power Plant.**
5. The water is to be diverted at the following point **well 73W-7 in the SE/4 NE/4 Section 7, T.24N., R.37E., MDB&M or at a point from which the northeast corner of said Section 7 bears approximately N 33°00' E, 1650', and approximately 200' NW of well 73B-7.**
6. The existing permitted point of diversion is located within **NW¼ NE¼ Section 7, T.24N., R.37E., M.D.B.&M. or at a point from which the NE corner of said Section 7 bears N. 67° 51' E., a distance of 1,989.8 feet situated in Churchill County, State of Nevada.**
7. Proposed place of use **Section 32, T25N, R37E; Sections 4, 5, 6, 7, 8, 16, 17, 18, 19, 20 and 21, T24N, R37E; and Sections 12, 13, and 24, T24N, R36E, MDB&M.**
8. Existing place of use **Dixie Valley Power Plant in the NE¼ Section 7, T.24N., R.37E., M.D.B.&M.**
9. Use will be from **January 1 to December 31** of each year.
10. Use was permitted from **January 1 to December 31** of each year.
11. Description of proposed works **production well, injection wells, and pipeline.**
12. Estimated cost of works **Unknown but in excess of \$3 million**
13. Estimated time required to construct works **3 months to drill new production well and connect to pipeline. Injection wells are in place.**
14. Estimated time required to complete the application of water to beneficial use **1 year**

**69217-T**

15. Remarks: One or more injection wells will consume all produced water, up to 50.0 acre-feet/year. Water from proposed well 73W-7 will be used in a reservoir injection augmentation program to replace water lost to evaporation in the cooling tower. One or more injection wells will be used. All of the water produced will be injected, though at a deeper interval to support the geothermal reservoir. Injection augmentation has to be a successful method of pressure support, enabling the geothermal power project to maintain a high level of efficiency.

By **Missy Payne for Caithness Dixie Valley, LLC**  
**s/Missy Payne**  
**9790 Gateway Drive, Suite 220**  
**Reno, NV 89521**

Compared sg/cmf lb/cmf

Protested \_\_\_\_\_

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#### APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions.

This temporary permit to change the point of diversion, place of use and manner of use of a portion of the waters of an underground source as heretofore granted under Permit 50753, Certificate 13080 is issued subject to the terms and conditions imposed in said Permit 50753, Certificate 13080 and with the understanding that no other rights on the source will be affected by the change proposed herein. The well shall be equipped with a 2-inch opening and a totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meter must be installed before any use of the water begins or before the proof of completion of work is filed. If the well is flowing, a valve must be installed and maintained to prevent waste. This source is located within an area designated by the State Engineer pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

This temporary permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The total combined duty of water under Permits 64109, 64110, 65492, 67446, and Temporary Permit 69217-T shall not exceed 3141.28 acre-feet annually.

The issuance of this temporary permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

Monthly records shall be kept of the amount of water pumped from this well and the records submitted to the State Engineer on a quarterly basis within 15 days after the end of each calendar quarter.

This temporary permit is issued pursuant to the provisions of NRS 533.345 Section 2 and will expire on **November 19, 2003** at which time all rights herein granted shall revert to the right being changed by this temporary permit.

(CONTINUED ON PAGE 3)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.393 cubic feet per second, but not to exceed 50 acre-feet annually.

Work must be prosecuted with reasonable diligence and be completed on or before:

Proof of completion of work shall be filed before:

Water must be placed to beneficial use on or before:

Proof of the application of water to beneficial use shall be filed on or before:

Map in support of proof of beneficial use shall be filed on or before:

IN TESTIMONY WHEREOF, I, HUGH RICCI, P.E.,

State Engineer of Nevada, have hereunto set  
my hand and the seal of my office,

this 20th day of November, A.D. 2002

  
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State Engineer

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